

Product datasheet for **RC202025L2V**

PSMD10 (NM_002814) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PSMD10 (NM_002814) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PSMD10
Synonyms:	dj889N15.2; p28; p28(GANK)
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_002814
ORF Size:	678 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202025).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_002814.2
RefSeq Size:	1585 bp
RefSeq ORF:	681 bp
Locus ID:	5716
UniProt ID:	O75832
Cytogenetics:	Xq22.3
Domains:	ANK
MW:	24.4 kDa



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Gene Summary:

This gene encodes a subunit of the PA700/19S complex, which is the regulatory component of the 26S proteasome. The 26S proteasome complex is required for ubiquitin-dependent protein degradation. This protein is a non-ATPase subunit that may be involved in protein-protein interactions. Aberrant expression of this gene may play a role in tumorigenesis. Two transcripts encoding different isoforms have been described. Pseudogenes have been identified on chromosomes 3 and 20.[provided by RefSeq, Mar 2011]